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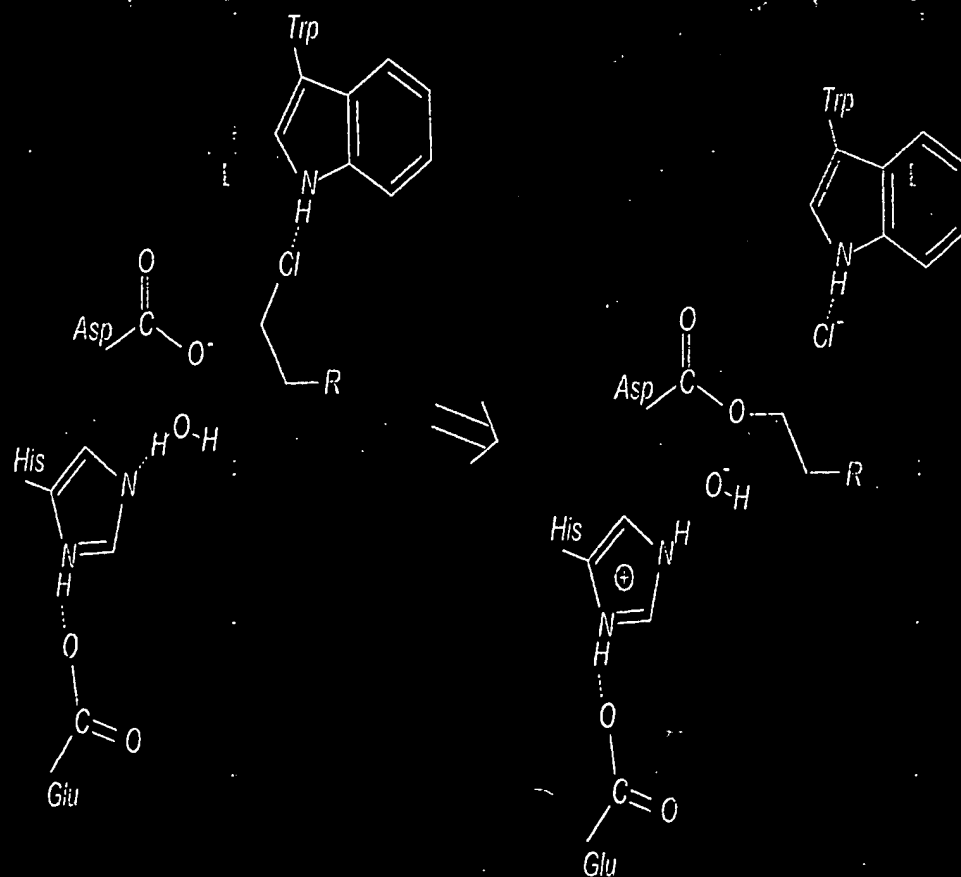
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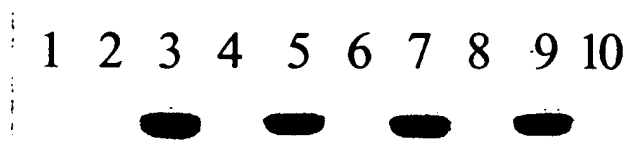
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Fig1

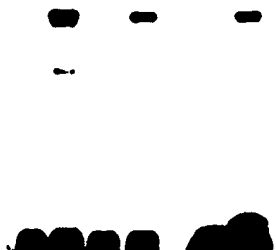




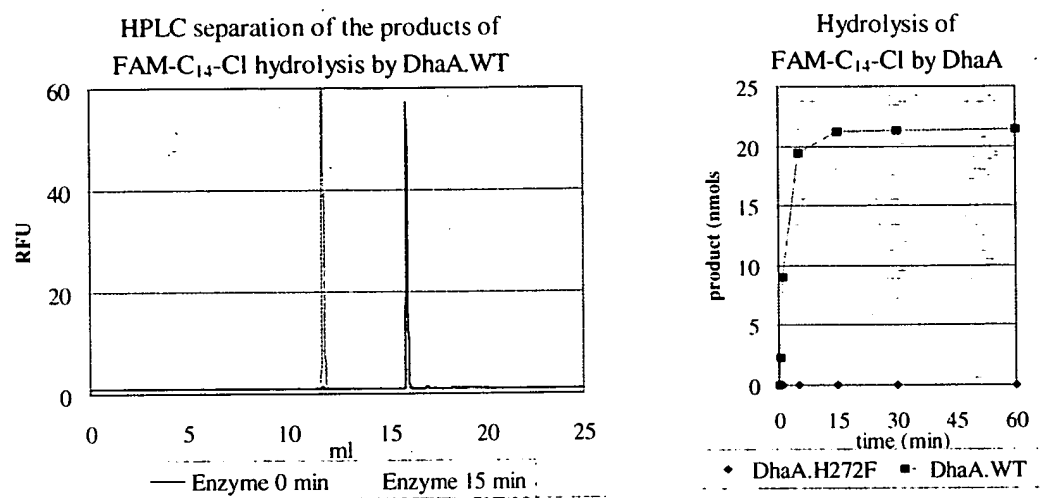
**FIGURE 10**

1 2 3 4 5 6

1 2 3 4 5 6 7 8 9 10 11 12 13 14



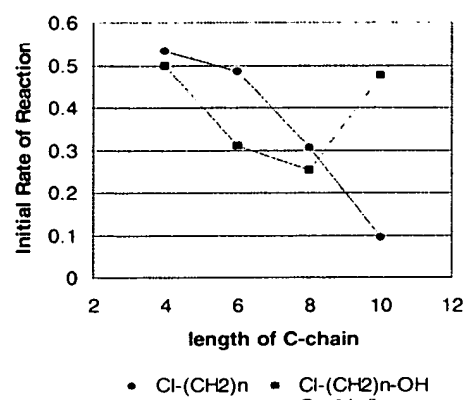
**FIGURE 9**



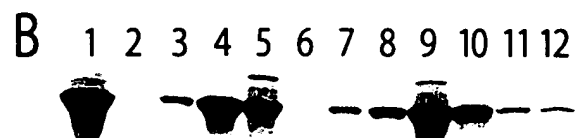
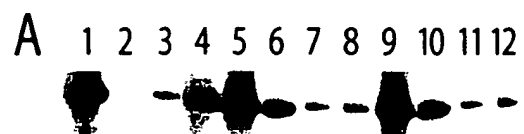
**FIGURE 8**

**FIGURE 7**

### Substrate-specificity of DhaA.WT



**FIGURE 6**



**FIGURE 5**



Effect of H283Q/G/A or F mutations on DhaA activity

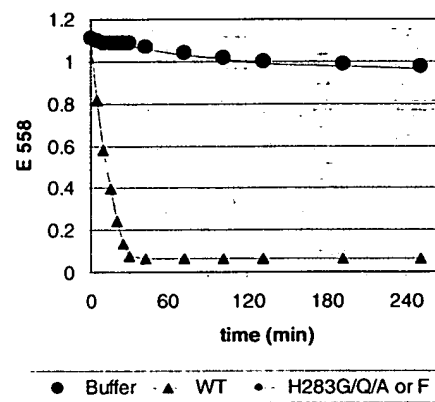
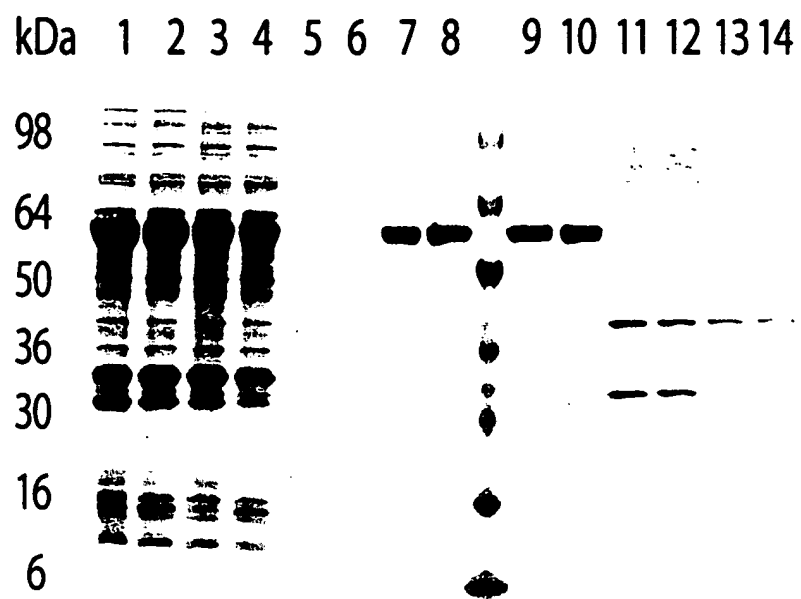
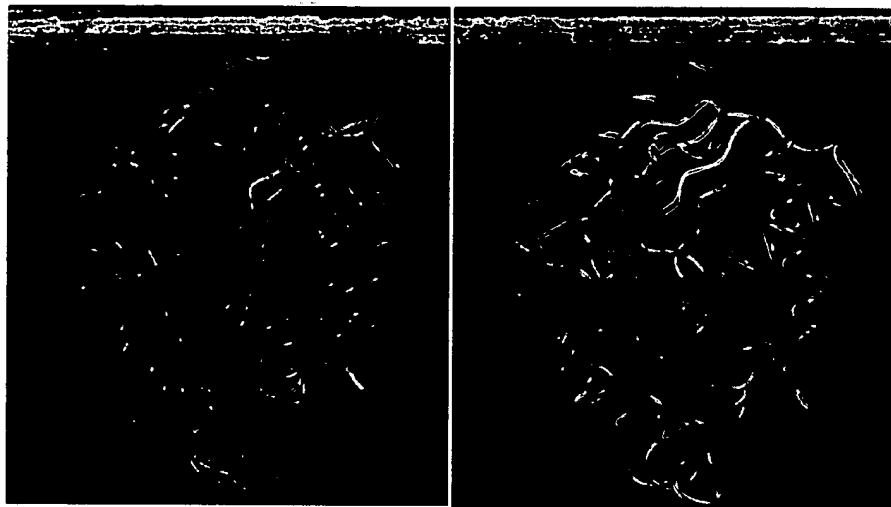


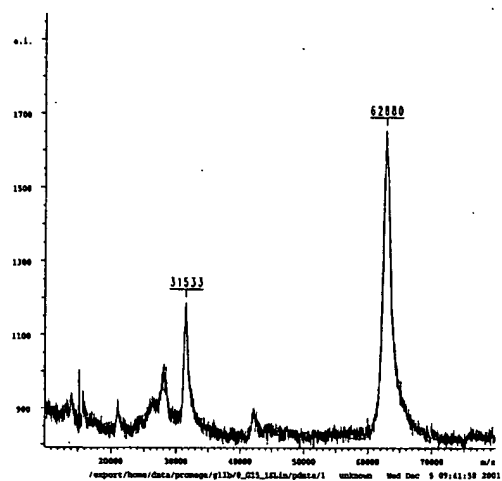
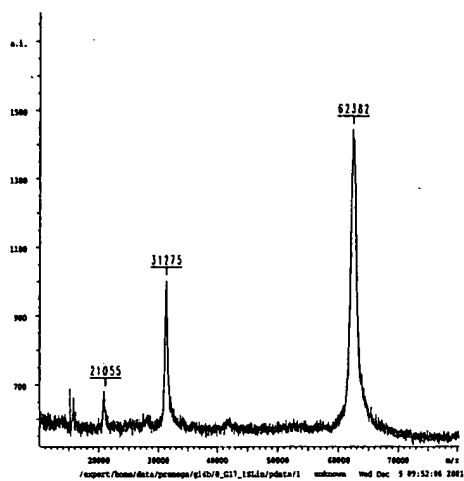
FIGURE 4



**FIGURE 3**

**FIGURE 2**





**FIGURE 11**

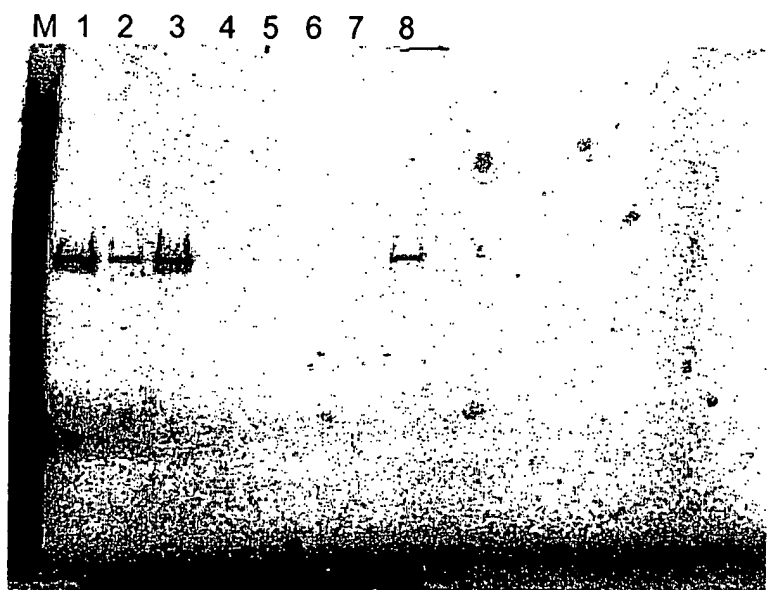
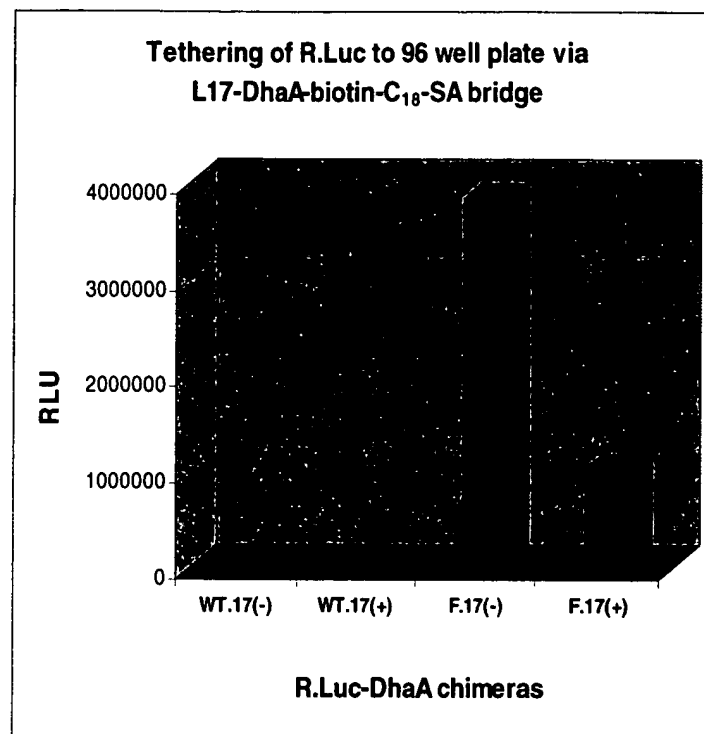


Fig 12



**FIGURE 13**

1 2 3 4 5 6 7



1 2 3 4 5 6 7 8

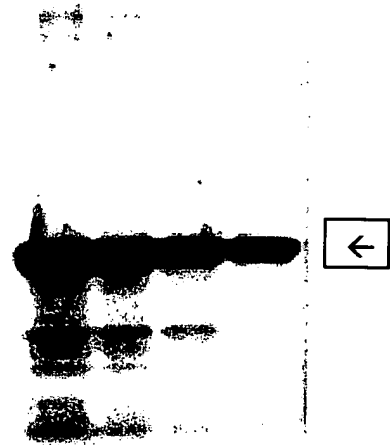


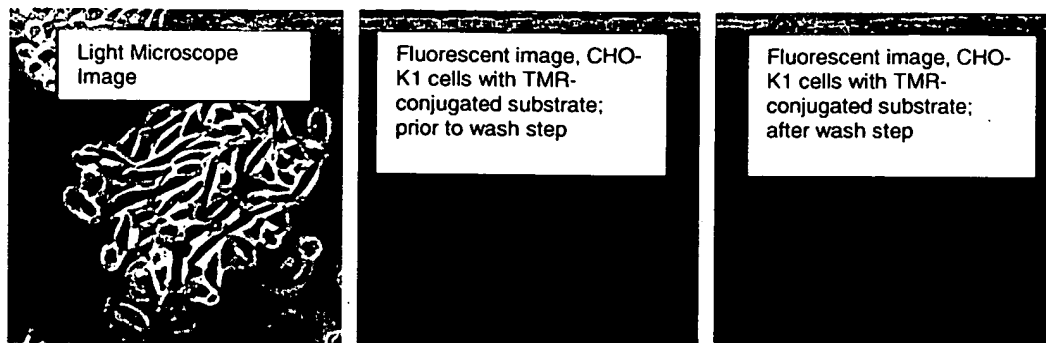
FIGURE 14

1 2 3 4 5 6 7 8

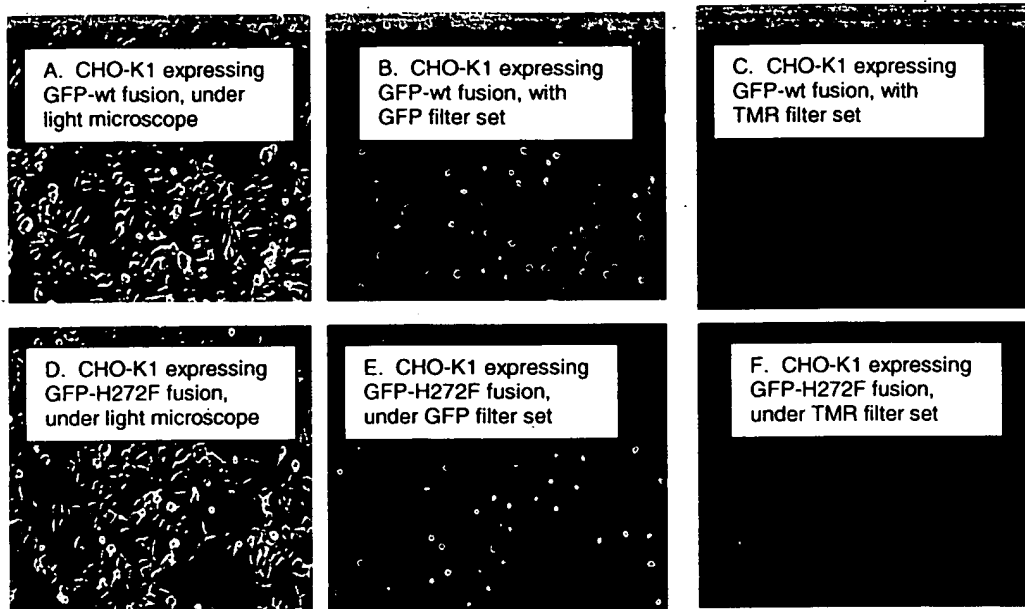


**FIGURE 15**



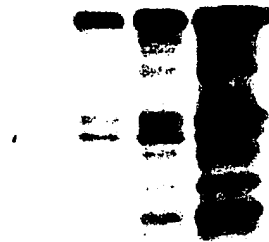
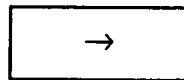


**FIGURE 16**



**FIGURE 17**

1 2 3 4 5 6 7 8



**FIGURE 18**

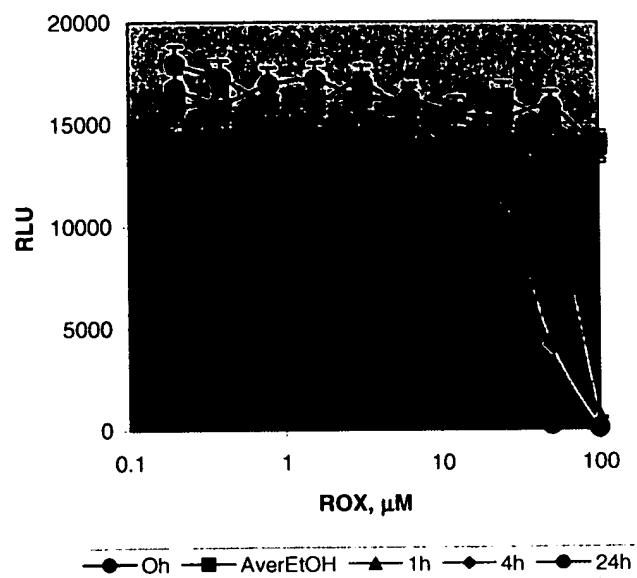
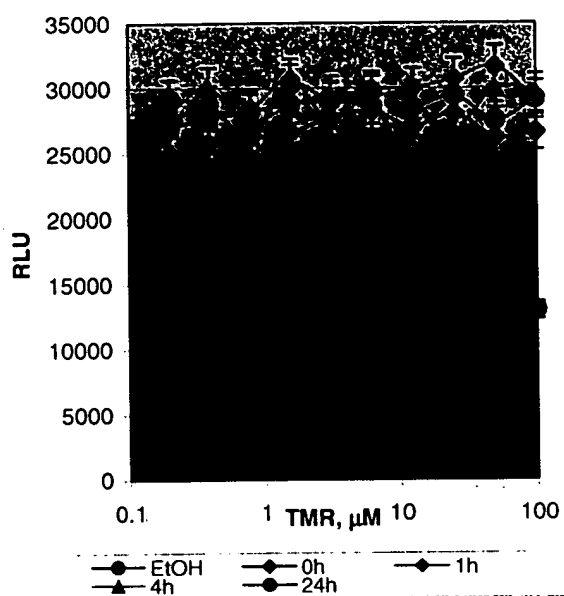


FIGURE 19

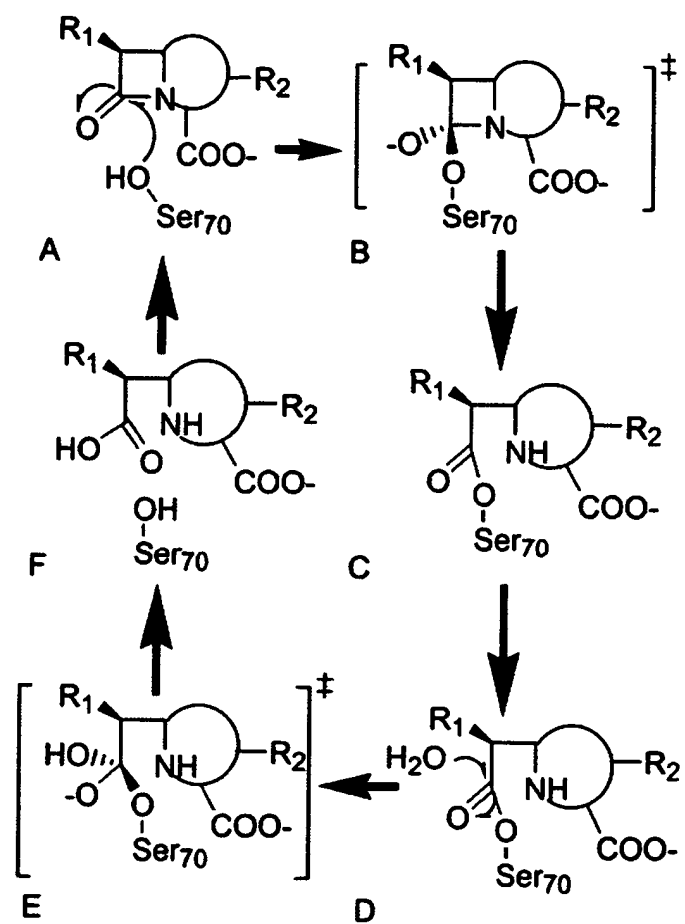
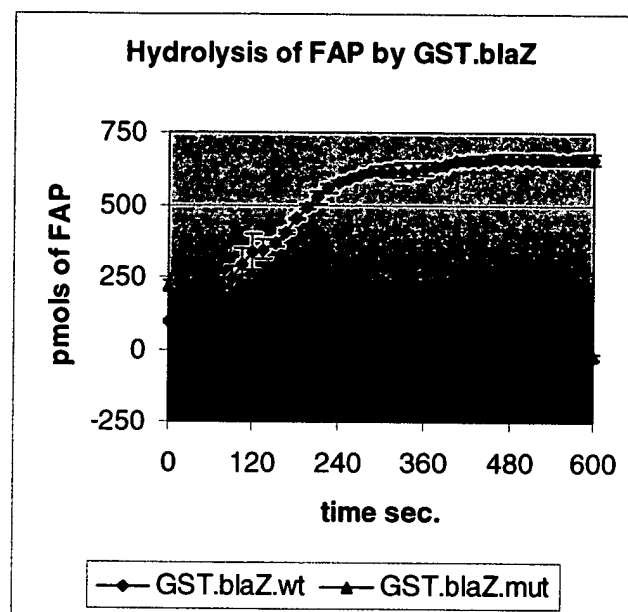
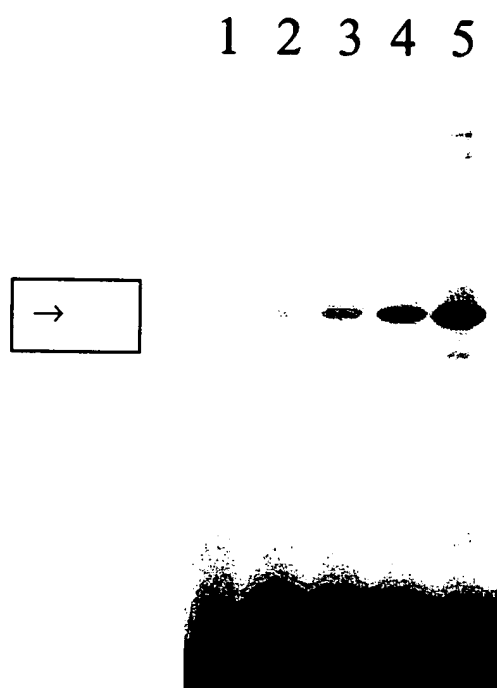


FIGURE 20



**FIGURE 2)**



**FIGURE 2**

1 2 3 4 5

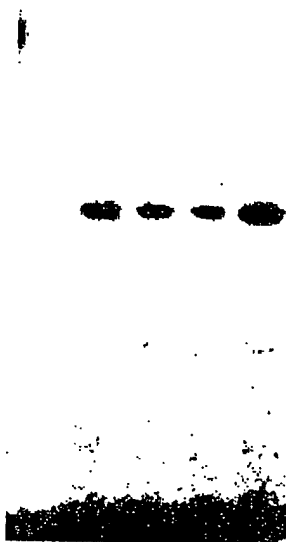


FIG. 23



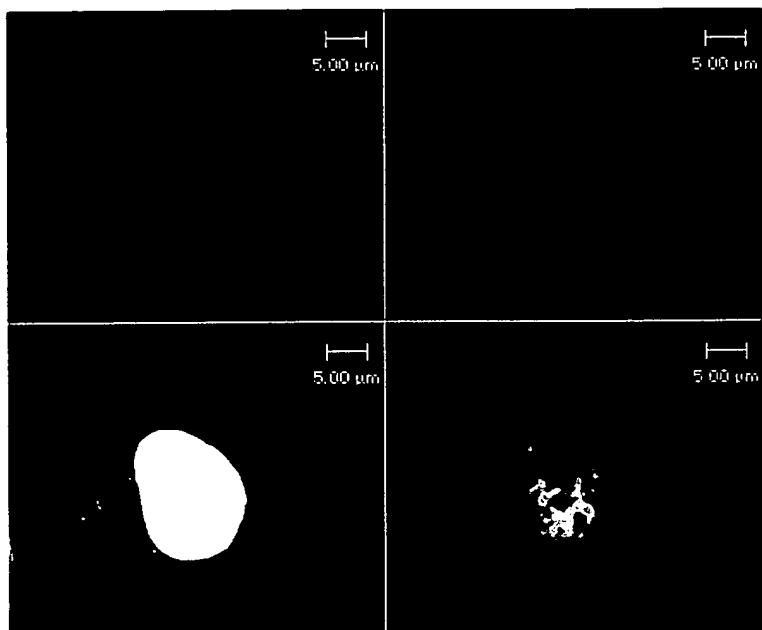


Fig 24



Fig 25

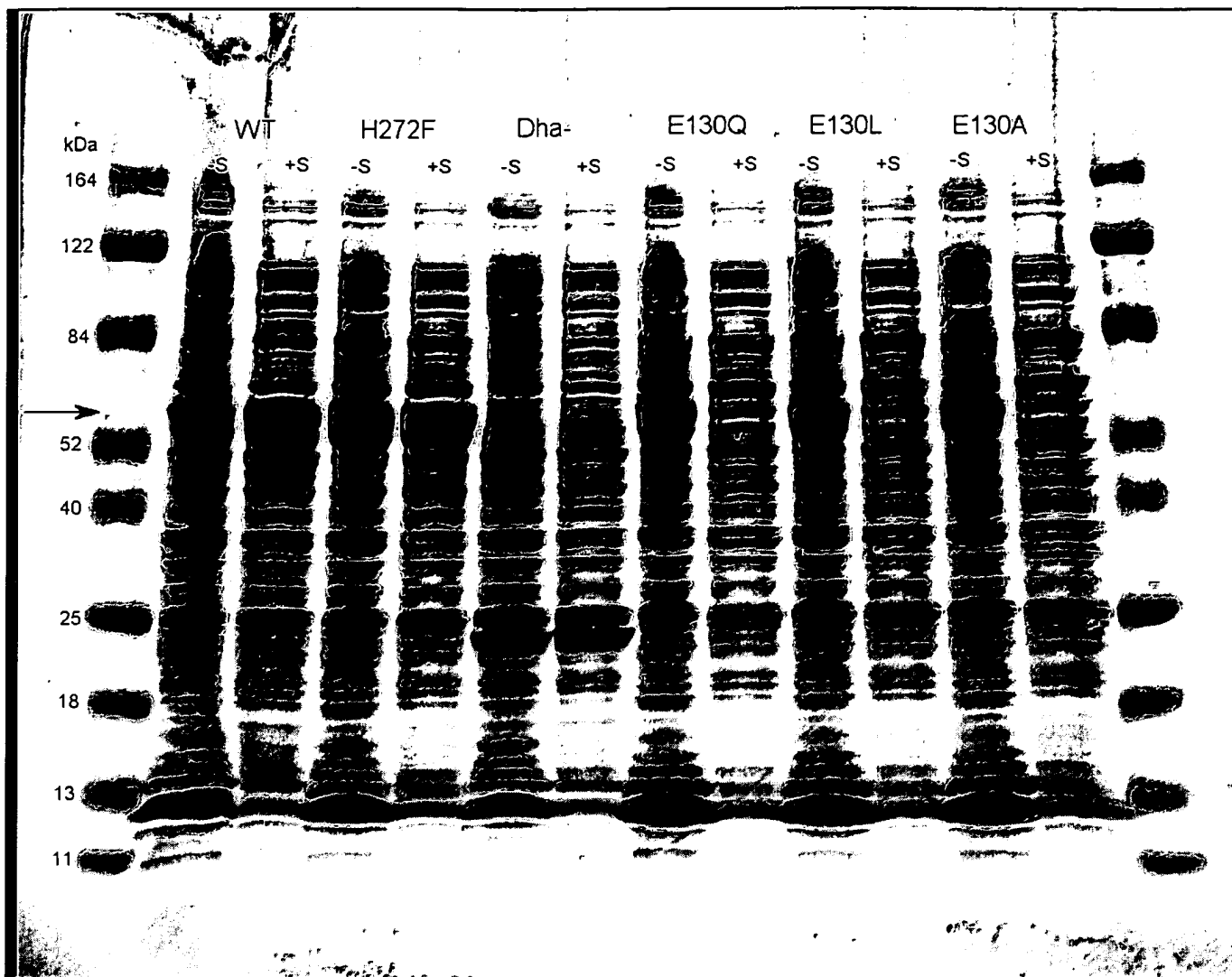


Fig 2b

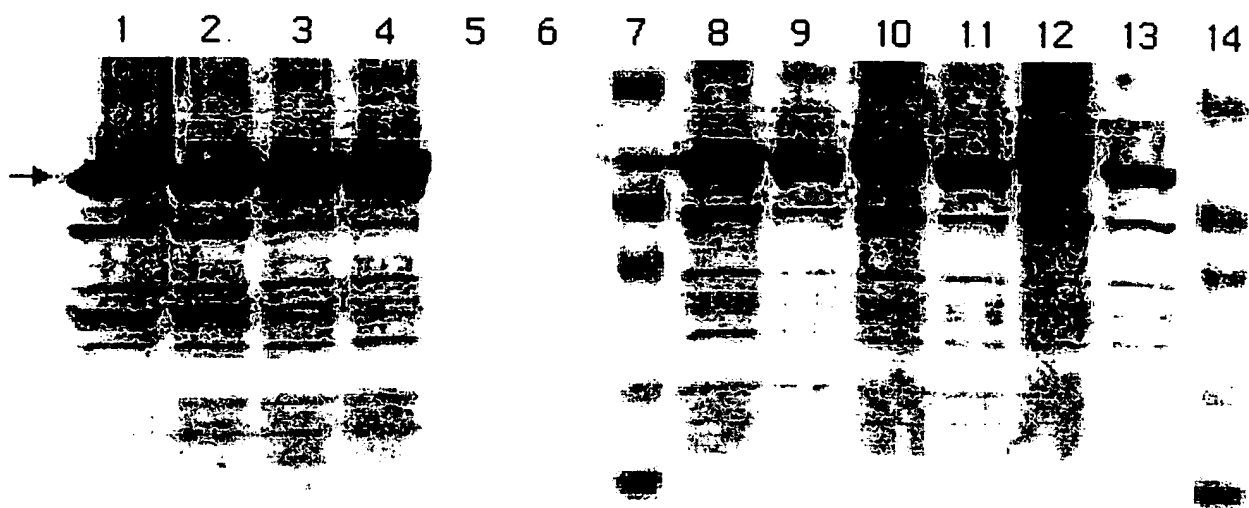


Fig 27

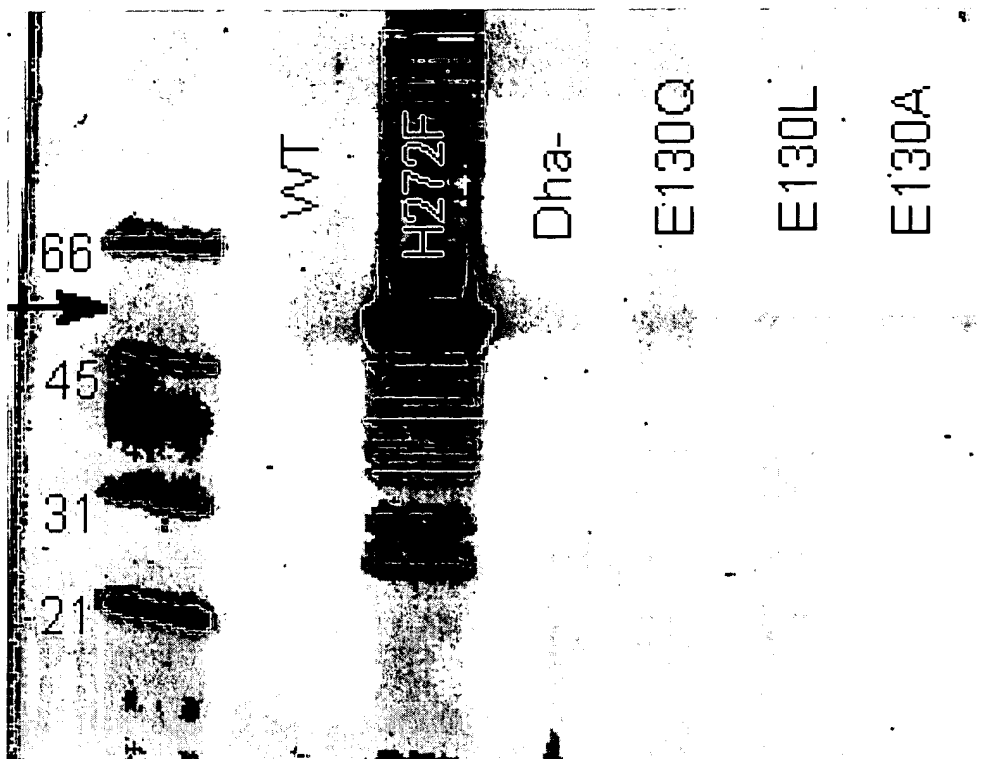


Fig 28

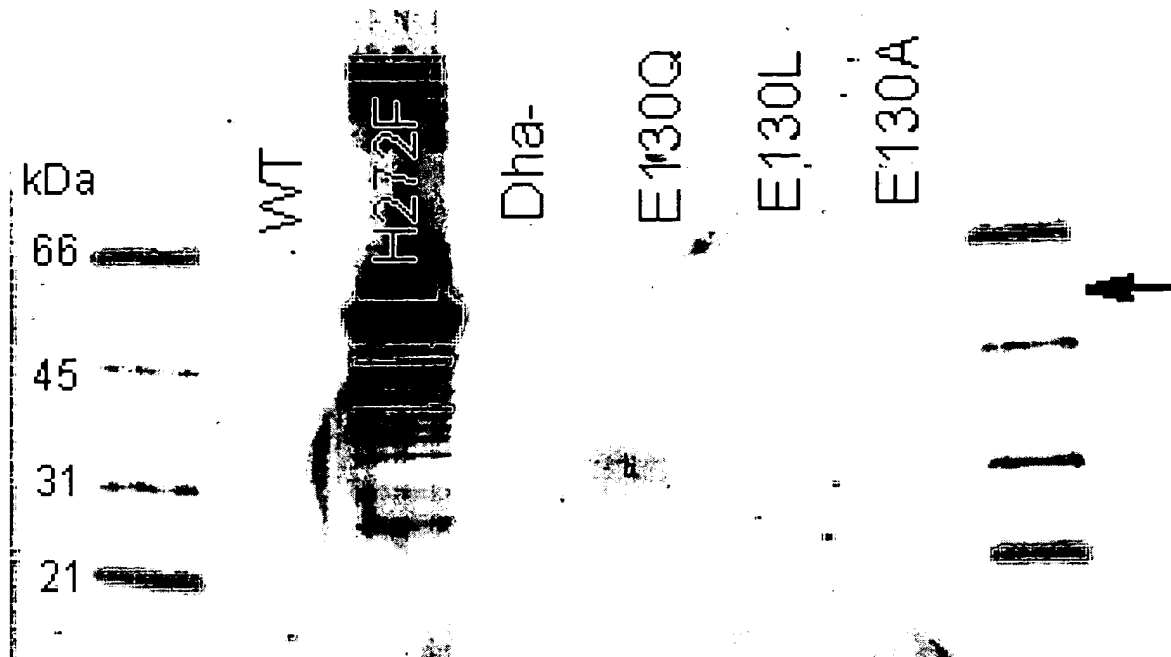


Fig 29

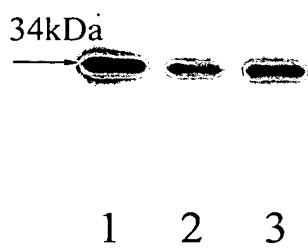


Fig 30A

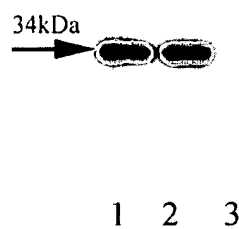


Fig 30B

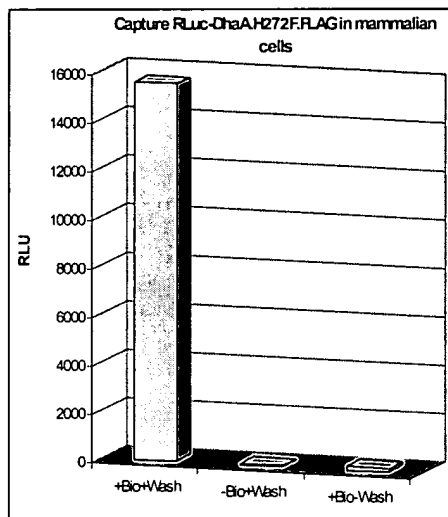


Fig 30C



Fig 30D